



AGENDA FOR REGULAR MEETING OF THE WATER SUPPLY ADVISORY COMMITTEE  
TO BE HELD ON MONDAY, 2010-MAR-01, COMMENCING AT 12:00 NOON  
IN THE BOARD ROOM, CITY HALL, 455 WALLACE STREET, NANAIMO, B.C.

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1. **ADOPTION OF MINUTES:**

- (a) Minutes of the Water Supply Advisory Committee Meeting held 2008-May-01 at 11:45 a.m. in the Board Room. Pg. 1-2

2. **INTRODUCTION OF LATE ITEMS:**

3. **RECEIVING OF DELEGATIONS:**

4. **REPORTS:**

- (1) *Water Supply Projects Update* ..... Pg. 3  
(2) *Water Rates for South West Extension* ..... Pg. 4

5. **INFORMATION ONLY ITEMS:**

6. **CORRESPONDENCE:**

7. **CONSIDERATION OF LATE ITEMS / OTHER BUSINESS:**

8. **NEXT MEETING:**

At the call of the chair.

9. **ADJOURNMENT:**

MINUTES OF THE REGULAR MEETING OF THE WATER SUPPLY ADVISORY COMMITTEE,  
HELD IN THE BOARD ROOM, CITY HALL, ON THURSDAY, 2008-MAY-01,  
COMMENCING AT 11:45 A.M.

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PRESENT: Councillor L. D. McNabb, Chair

Members: M. Macdonald, S.W. Extension

Council: Councillor J. Cameron  
Councillor L. Sherry

Staff: T. Hickey  
B. Sims  
B. Clemens  
A. Kenning  
J. Berry  
S. Perkins

1. ADOPTION OF MINUTES:

- (a) Minutes of the Regular Meeting of the Water Supply Advisory Committee held on 2007-Nov-21 in the Board Room at 12:00 noon.

It was moved and seconded that the Minutes be adopted as circulated. The motion carried unanimously.

2. REPORTS:

- (a) Water Supply Projects Update

Conceptual engineering work on the Water Treatment Plant is now complete. The next stages in this project include property acquisition, refinement of budgeting and project timelines, consultant selection to undertake preliminary design and pilot testing, and preparation of grant applications to senior government. Estimated costs for the Water Treatment Plant range up to \$67 million. The cost of new covered storage at Reservoir No. 1 is estimated at \$7.25 million.

Construction, testing and commissioning of the Labieux Booster Station is now complete, on time and budget. The station is ready for operation. The booster station will help increase flows to the north end of the City, during periods of high summer demand. In the near future, the Water Supply Advisory Committee will conduct an official start-up ceremony, involving the media and invited guests, including Mayor and Council.

Property acquisition of the ten acre site that will house the South Nanaimo Reservoirs is now complete. Island Timberlands (original owners) is proceeding to log the property. Koers & Associates Engineering Ltd. will proceed with site investigation and survey shortly. Construction is expected to begin late fall. The logging has prompted a number of calls from residents; staff will send out a letter to affected residents in Extension explaining the project.

RECOMMENDATION: That the Water Supply Advisory Committee receive this report for information.

It was moved and seconded that this report be received. The motion carried unanimously.

3. OTHER BUSINESS:

The Chair directed staff to arrange a tour of the City's watershed later this spring for Snuneymuxw First Nations Chief and Council and City of Nanaimo Mayor and Council.

4. NEXT MEETING:

At the call of the Chair.

5. ADJOURNMENT:

It was moved and seconded at 11:55 a.m. that the meeting adjourn. The motion carried unanimously.

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CHAIR

# FOR INFORMATION ONLY

REPORT TO: WATER SUPPLY ADVISORY COMMITTEE

FROM: B. SIMS, MANAGER, WATER RESOURCES

RE: WATER SUPPLY PROJECTS UPDATE

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## STAFF'S RECOMMENDATION:

That the Water Supply Advisory Committee receive this report for information.

## EXECUTIVE SUMMARY:

Winter pilot testing for the Water Treatment Plant has wrapped up and in the coming months, the project will move on to preliminary design. Other water supply projects proceeding quite well include the Extension Reservoir and College Park Pump Station.

## BACKGROUND:

### A. Water Treatment Plant

Following selection of Associated Engineering Ltd. as the consultant to undertake design work on the South Fork Water Treatment Plant, pilot testing over the winter period successfully tested the capability of three treatment processes. The next steps include a detailed selection procedure to determine the process that will provide the most efficient treatment at the best value in the long term followed by preliminary design of the plant. Preliminary design is scheduled to wrap up by the fall. (Construction of the project is scheduled to begin in 2013.)

### B. Extension Reservoir No. 8 (formerly South Nanaimo Reservoir)

Work on the concrete Extension Reservoir and control building continues on schedule. It is expected to be operational by the end of May. This reservoir will provide balancing and fire storage for Chase River and Cinnabar areas, will reduce pressure in the Duke Point supply main by 130 psi, and remove the need for a number of pressure reducing stations.

### C. College Park Pump Station

Knappett Projects Inc., the successful bidder, is expected to start construction in late March, and finish late this summer.

The new College Park pump station will supply water to the College Drive and Westwood Lake neighbourhoods. The old pump station is long past its lifespan and is too small to keep up with the domestic and fire flow demands. Several energy efficient measures are incorporated into the new station, which are expected to result in a savings of 75,000 kilowatt hours, or \$5,100 in power costs annually.

Respectfully submitted,



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Bill Sims  
Manager  
Water Resources



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Tom Hickey  
Director  
Engineering and Public Works

# FOR INFORMATION ONLY

REPORT TO: B. SIMMS, MANAGER, WATER RESOURCES

FROM: E. N. ANDERSON, ASSISTANT MANAGER, REVENUE SERVICES

RE: BYLAW TO INCREASE THE RATE CHARGED TO SOUTH WEST FOR BULK WATER SUPPLY

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## STAFF'S RECOMMENDATION:

That the Water Supply Advisory Committee receive for information only the report pertaining to "A BYLAW TO ESTABLISH THE RATE FOR BULK WATER SUPPLY TO SOUTH WEST" which is scheduled to go forth to Council on March 8, 2010.

## DISCUSSION:

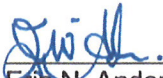
"BYLAW TO ESTABLISH THE RATE FOR BULK WATER SUPPLY TO SOUTH WEST 2010 NO. 7099".

The Committee will recall that the City's strategic water supply plan calls for extensive investment in water treatment and supply infrastructure over the next few decades. One of the funding sources for these expenditures is a 5% annual increase in water rates. The growth related portion of the costs will be funded through development cost charges.

The current Bylaw 7062, effective January 1, 2008, charges water to South West at \$1.43 per 1,000 gallons. The proposed Bylaw 7099 would increase the rate to \$1.50 per 1,000 gallons.

The increase in 2010 would be effective April 1, 2010.

Respectfully submitted,



Erin N. Anderson  
Assistant Manager,  
Revenue Services

ENA/aml  
Council

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